

[ABSTRACT]

The method of stirring a solution according to the present invention is a method of stirring a solution comprising contacting a selective binding substance immobilized on the surface of a carrier with a solution containing an analyte substance reactive with the selective binding substance, and mixing the fine particles or air bubbles into the solution containing an analyte substance, and moving the fine particles or air bubbles without allowing contact thereof with the selective binding substance-immobilized surface.

The present invention provides a stirring method that accelerates the reaction of a carrier-immobilized selective binding substance with an analyte substance and detects a trace amount of analyte at high signal intensity and high S/N ratio.

The present invention enables diagnosis and examination in the clinical setting by using a selective binding substance-immobilized carrier such as DNA chip.